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20231, on **AUG 22 2003**
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Signature
The Firm of Karl F. Ross, P.C.

PATENT

17231 U.S. PTO
08/22/03

Attorney's docket 22623

Box Patent Application
Commissioner of Patents and Trademarks
Washington, DC 20231

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of inventors:

	First Name	Last Name	Residence	Citizenship
1.	Axel	TILLMANN	Aldenhoven, Germany	Germany
2.	Andreas	KEMNA	Düsseldorf, Germany	Germany
3.	Egon	ZIMMERMANN	Inden-Altdorf, Germany	Germany
4.	Walter	GLAAS	Elsdorf, Germany	Germany
5.	Arre	VERWEERD	Aachen, Germany	The Netherlands

For (title):

**DEVICE FOR THE SIMULTANEOUS APPLICATION OF ELECTRICAL SIGNALS AND
MEASUREMENT OF THE ELECTRICAL POTENTIAL IN A SAMPLE**

1. Type of Application

- Utility
- Design
- Plant

- Original
- Divisional
- Continuation
- Continuation-in-part

2. Benefit of Prior US Application(s) (35 USC 120) or foreign priority (35 USC 119)

- The new application being transmitted claims the benefit of a prior US application.
- Foreign priority claimed (see ¶9)

3. Papers Enclosed Required For Filing Date Under 37 CFR 1.53(b) (Uti.) or 37 CFR 1.153 (Des.)

- Pages of specification (17)
- Pages of claims (5)
- Pages of Abstract (1)
- Sheets of Drawing (2)
 - Formal
 - Informal

22387 U.S. PTO
10/647130
08/22/03

4. Additional papers incl sed

- Preliminary Amendment
- Information Disclosure Statement
- PTO-1449
- Citations (none)
- Declaration of Biological Deposit
- Submission of "Sequence Listing," computer-readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino-acid sequence
- Authorization of Attorney(s) to accept and follow instructions from Representative
- Other – PTO Data Entry Form (2 pages)
- Other

5. Declaration or Oath

- Enclosed
 - original executed by
 - Inventor(s)
 - legal representative of inventor(s). 37 CFR 1.42 or 1.43
 - joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or could not be reached
 - this is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached
- Not Enclosed
 - Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all the above-named inventor(s).
 - Showing that the filing is authorized.

6. Inventorship Statement

The inventorship for all the claims in this application is:

- The same
- Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
 - is submitted.
 - will be submitted.

7. Language

- English
- non-English
- the attached translation is a verified translation. 37 CFR 1.52(d).

8. Assignment

- An assignment of the invention to FORSCHUNGSZENTRUM JÜLICH GmbH
 - is attached.
 - will follow.

9. Certified Copy

Certified copy of application

Country
Germany

Number
10238823.7

Date

from which priority is claimed

- is(are) attached.
 will follow.

10. Fee calculation

■ A. Utility application

CLAIMS AS FILED

No. Filed	Base No.	No. Extra	Rate	Basic fee
Total claims	16	20	0	\$750.00
Independent claims	3	3	0	\$0.00
Mult. dep. claims	No	n/a	n/a	\$280.00

- Amendment canceling extra claims enclosed.
 - Amendment canceling multiply dependent claims enclosed.
 - Fee for extra claims is not being paid at this time.

Filing Fee Calculation **\$750.00**

- B. Design application**
(\$0.00–37 CFR 1.16(f))
Filing fee calculation

\$90.00

- C. Plant application**
(\$490.00–37 CFR 1.16(g))
Filing fee calculation

\$00.00

- Entity Status** Applicant herewith qualifies as a **LARGE** entity.

12. Request for I

Applicant herewith qualifies as a LARGE entity.

12. Request for International-Type Search (37 CFR 1.104(d))

- Please prepare an international-type search report for this application at the time when national examination on the merits takes place.

13. Fee Payment

- | | |
|---|---|
| <input checked="" type="checkbox"/> Not enclosed. | |
| | <input checked="" type="checkbox"/> No filing fee is to be paid at this time. |
| <input type="checkbox"/> Enclosed. | |
| <input type="checkbox"/> basic filing fee | \$0.00 |
| <input type="checkbox"/> petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or could not be reached | \$0.00 |
| <input type="checkbox"/> for processing an application with a specification in a non-English language | \$0.00 |
| <input type="checkbox"/> processing and retention fee | \$0.00 |
| <input type="checkbox"/> fee for international-type search report | \$0.00 |
| Total fees enclosed | \$0.00 |

14. Method of Payment of Fees

- Check in the amount of \$0.00
- Charge Account 18-2025 for \$0.00. A duplicate of this form is attached.
- Charge to credit card (PTO-2038 attached.)

15. Authorization to Charge Additional Fees

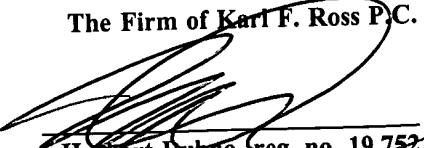
- The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to account 18-2025.
 - 37 CFR 1.16(a), (f), or (g) (filling fees)
 - 37 CFR 1.16(b), (c), or (d) (extra claims)
 - 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
 - 37 CFR 1.17 (application processing fees)
 - 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance pursuant to 37 CFR 1.31(b))

16. Instructions As To Overpayment

- credit account 18-2025
- refund

21 August 2003

The Firm of Karl F. Ross P.C.


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